| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|---|---|---|---|
| 10/047,035 | 01/17/2002 | Osamu Tachiyama | 016907/1361 | 3495 |

| | | | |
|---|---|---|---|
| 22428 | 7590 | 12/14/2005 | |

FOLEY AND LARDNER LLP
SUITE 500
3000 K STREET NW
WASHINGTON, DC 20007

| EXAMINER |
|---|
| BURLESON, MICHAEL L |

| ART UNIT | PAPER NUMBER |
|---|---|
| 2626 | |

DATE MAILED: 12/14/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

*-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --*

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

1) ☐ Responsive to communication(s) filed on _____ .

2a) ☐ This action is **FINAL.** 2b) ☒ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle,* 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

4) ☒ Claim(s) *1-10* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) *1-10* is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

## Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) ☐ All b) ☐ Some * c) ☐ None of:

1. ☐ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date <u>01/17/02</u>.

4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other: _____ .

## DETAILED ACTION

### *Information Disclosure Statement*

1.    The information disclosure statements (IDS) were submitted on 01/17/2002. The

submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the

information disclosure statement is being considered by the examiner.

### *Claim Rejections - 35 USC § 102*

1.    The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2.    Claims 1-10 are rejected under 35 U.S.C. 102(e) as being anticipated by Haines

et al. US 2003/0072027.

3.    Regarding claim 1, Haines et al. teaches of a computer (12) that sends an

electronic message to web server (26) via a hard copy output engine (14) (page 3,

paragraph 0034). The hard copy out engine sends a data communication via a data

path, which has email capabilities (page 2,paragraph 0028 and page 3,paragraph

0030). This reads on a data transfer method for executing data read/write between a

center machine and a target machine which are connected via a communication line;

the center machine preparing an e-mail in a predetermined format for read-out of data stored in the target machine, and sending the prepared e-mail of the predetermined format to the target machine via the communication line. Haines et al. teaches of a web server (26) sends back an electronic message to the computer (page 2, paragraph 0024 and 0028), which reads on target machine analyzing the e-mail of the predetermined format received via the communication line, reading out the data stored in the target machine on the basis of an analysis result, preparing an e-mail of a predetermined format, which contains the read-out data, and sending the prepared e-mail of the predetermined format to the center machine via the communication line. The computer (12) receives an electronic message from the hard copy output engine (14) (page 2, paragraph 0024), which reads on the center machine analyzing the e-mail of the predetermined format received from the target machine via the communication line and obtaining data.

4.      Regarding claim 2, Haines et al. teaches of a computer (12) (page 2,paragraph 0019), which reads on the center machine is a personal computer.

5.      Regarding claim 3, Haines et al. teaches that the data path (18) includes the internet (page 2, paragraph 0020), which reads on said communication line is the internet.

6.      Regarding claim 4, Haines teaches of a XML format (page 4,paragraph 0052), which reads on said e-mail of the predetermined format is described in XML format.

7.    Regarding claim 5, Haines et al. teaches that the data path (18) includes internet via a firewall (page 2,paragraph 0020), which reads said target machine are provided with firewalls at connection stages with the internet.

8.    Regarding claim 6, Haines et al. teaches of a computer (12) that sends an electronic message to web server (26) via a hard copy output engine (14) (page 3, paragraph 0034). The hard copy out engine sends a data communication via a data path, which has email capabilities (page 2,paragraph 0028 and page 3,paragraph 0030). This reads on a data transfer method for executing data read/write between a center machine and a target machine which are connected via a communication line; the center machine preparing an e-mail in a predetermined format for read-out of data stored in the target machine, and sending the prepared e-mail of the predetermined format to the target machine via the communication line. Haines et al. teaches of a web server (26) sends back an electronic message to the computer (page 2, paragraph 0024 and 0028), which reads on target machine analyzing the e-mail of the predetermined format received via the communication line, storing the analyzed data in a predetermined area in the target machine, preparing an ACK e-mail of a predetermined format when the data has been stored, and sending the prepared ACK e-mail of the predetermined format to the center machine via the communication line. The computer (12) receives an electronic message from the hard copy output engine (14) (page 2, paragraph 0024 and page 4,paragraph 0052), which reads on the center machine analyzing the e-mail of the predetermined format received from the target machine via the communication line and confirming that the data has normally been written.

9.      Regarding claim 7, Haines et al. teaches of a web server (26) sends back an

electronic message to the computer (page 2, paragraph 0024 and 0028). This reads on

a data transfer method for executing data read/write between a center machine and a

target machine which are connected via a communication line; the target machine

preparing an e-mail in a predetermined format for read-out of data stored in the target

machine, and sending the prepared e-mail of the predetermined format to the target

machine via the communication line. The computer (12) receives an electronic

message from the hard copy output engine (14) (page 2, paragraph 0024), which reads

on the center machine analyzing the e-mail of the predetermined format received from

the target machine via the communication line and obtaining data.

10.     Regarding claim 8, Haines et al. teaches of a computer (12) that sends an

electronic message to web server (26) via a hard copy output engine (14) (page 3,

paragraph 0034). The hard copy out engine sends a data communication via a data

path, which has email capabilities (page 2,paragraph 0028 and page 3,paragraph

0030). This reads on a data transfer method for executing data read/write between a

center machine and a image forming apparatus which are connected via a

communication line; the center machine preparing an e-mail in a predetermined format

for read-out of data stored in the image forming apparatus, and sending the prepared e-

mail of the predetermined format to the image forming apparatus via the communication

line. Haines et al. teaches of a web server (26) sends back an electronic message to

the computer (page 2, paragraph 0024 and 0028), which reads on image forming

apparatus analyzing the e-mail of the predetermined format received via the

communication line, reading out the data stored in the image forming apparatus on the

basis of an analysis result, preparing an e-mail of a predetermined format, which

contains the read-out data, and sending the prepared e-mail of the predetermined

format to the center machine via the communication line. The computer (12) receives

an electronic message from the hard copy output engine (14) (page 2, paragraph 0024),

which reads on the center machine analyzing the e-mail of the predetermined format

received from the image forming apparatus via the internet and obtaining data.

11.     Regarding claim 9, Haines et al. teaches of a computer (12) that sends an

electronic message to web server (26) via a hard copy output engine (14) (page 3,

paragraph 0034). The hard copy out engine sends a data communication via a data

path, which has email capabilities (page 2,paragraph 0028 and page 3,paragraph

0030). This reads on a data transfer method for executing data read/write between a

center machine and a image forming apparatus which are connected via a

communication line; the center machine preparing an e-mail in a predetermined format

which contains data to be written in the image forming apparatus, and sending the

prepared e-mail of the predetermined format to the image forming apparatus via the

internet. Haines et al. teaches of a web server (26) sends back an electronic message

to the computer (page 2, paragraph 0024 and 0028), which reads on image forming

apparatus analyzing the e-mail of the predetermined format received via the internet,

storing the analyzed data in a predetermined area in the image forming apparatus,

preparing an ACK e-mail in a predetermined format when the data has been stored, and

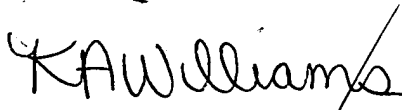sending the prepared ACK e-mail of the predetermined format to the center machine via

the internet. The computer (12) receives an electronic message from the hard copy

output engine (14) (page 2, paragraph 0024 and page 4,paragraph 0052), which reads

on the center machine analyzing the ACK e-mail of the predetermined format received

from the image forming apparatus via the internet and confirming that the data has

normally been written.

12.     Regarding claim 10, Haines et al. teaches of a web server (26) sends back an

electronic message to the computer (page 2, paragraph 0024 and 0028). This reads on

a data transfer method for executing data read/write between a center machine and a

image forming apparatus which are connected via a communication line; the image

forming apparatus preparing an e-mail in a predetermined format which contains notice

information to be sent to the center machine, and sending the prepared e-mail of the

predetermined format to the center machine via the internet. The computer (12)

receives an electronic message from the hard copy output engine (14) (page 2,

paragraph 0024), which reads on the center machine analyzing the e-mail of the

predetermined format received from the image forming apparatus via the internet and

obtaining the notice information from the image forming apparatus.

## *Conclusion*

Any inquiry concerning this communication should be directed to Michael

Burleson whose telephone number is (571) 272-7460 and fax number is (571) 273-

7460. The examiner can normally be reached Monday thru Friday from 8:00 a.m. –

4:30p.m. If attempts to reach the examiner by telephone are unsuccessful, the

examiner's supervisor, Kimberly Williams can be reached at (571) 272-7471 .



KIMBERLY WILLIAMS
SUPERVISORY PATENT EXAMINER

Michael Burleson
Patent Examiner
Art Unit 2626


Mlb
December 11, 2005